

JIAXU LIU

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SHORT BIO

I'm a senior year undergraduate student at Australian National University(ANU) pursuing a bachelor's degree in Advanced Computing(honor), prior to joining the double degree program of ANU, I was studying computer science at Shandong University in China.

My current research is under the supervision of Professor Tom Gedeon at ANU on the topic of variational auto-encoder, I'm also doing some summarizing works with respect to the Bayesian network which is currently under review by my thesis co-supervisor. I have a 6.00/7.00 GPA and familiar with basic math tools e.g. variational inferences, probabilistic graphical models, convex optimization, etc.

EDUCATION

Australian National University

July 2019 - Present

Bachelor of Advanced Computing(Honours)

ANU College of Engineering and Computer Science

GPA: 6.0/7.0(ANU), 4.0/4.0(WES)

Shandong University

2017 - 2019

Bachelor of Computer Science

School of Mechanical, Electrical & Information Engineering

Listed in "Double First-Class" universities. Project 985 & 211

EXPERIENCE

Academic Tutor

July 2020 - Present

Australian National University

Casual Academic Staff, TA for course COMP3600/6466 (Algorithms). Responsibilities include:

- Facilitator in weekly tutorials, help answer students' questions about the confusion on course content
- Mark assignment, quizzes, and examinations
- Coordinate closely with the course convener, receive feedback from students, help improve teaching quality

Development Intern

Jan 2019 - Feb 2019

IIFOX Shanghai

Responsibilities include:

- Cooperate with colleagues in development department
- Maintaining call centre system and develop new functions based on ASP.NET framework
- Deploying system in various environment

Associate Representative of Students' Association

Jun 2018 - Jun 2019

Shandong University, School of Mechanical, Electrical & Information Engineering

ICPC School Team Member

Jan 2018 - Jun 2019

Shandong University, ICPC School Team

AWARD & ACCOMPLISHMENTS

Paper on the topic of Facial Emotion Classification has been nominated for submission to the ICONIP international conference

June 2020

Mentor: Josephine Plested & Wenbo Ge

The 10th Shandong technology festival —— The 9th Shandong Collegiate ACM Programming Contest, The Excellence Award

May 2018

Organizer: Shandong Computer Federation

The 9th Lanqiao Programming Contest, Shandong Province, C/C++ Programming Collegiate A Group, The Province Second Award

Apr 2018

Organizer: Talent exchange center of Ministry of industry and information technology

CCCC Group Programming Ladder Tournamen, National Finals, The Second Award

Mar 2018

Organizer: Zhejiang University

Shandong University (weihai) ACM Programming Contest 2018 “New Stars”, The Silver Award

Mar 2018

Organizer: Shandong University

TECHNICAL STRENGTHS

Programming & Skills(Proficient)

Programming & Skills(Familiar)

Selected Course Accomplishment

C++, C , Python, Data Structure, Algorithm, Pytorch

Ada, HTML/PHP, C#, Java

Convex Optimisation, Advanced Algorithm,

Computer Vision, Bio-inspired Computing,

Probabilistic Graphical Models